[**Divide a Mixed Number by a Fraction Using a Visual Model**](http://www.teachfest.com/lesson_plans/545)**, Practice Set A**

Name:

Date:

1. Solve each of the following using a visual model.

a. Mark has 2 cups of juice. If it takes cup of juice for each fruit smoothie, how many smoothies can he make? Use the bars below to help create your model. 

b. The students at Lincoln Middle school are going to clean up a section of the beach measuring 3miles. If each student can cleanof a mile, how many students are needed to help? Use the bars below to help create your model. 

c. The school orchestra was selling candy for a fundraiser. Joshua bought 2pounds of candy and ate of it. How many pounds did he eat? Use the bars below to help create your model. 

2. A bag contains 20 cups of dog food. Your dog eats 1 cups of dog food each day. How many days does the bag of dog food last?

a. Write an equation for this situation.

b. Solve using your equation.

[**Divide a Mixed Number by a Fraction Using a Visual Model**](http://www.teachfest.com/lesson_plans/545)**, Practice Set A Answer Key**

1. Solve each of the following using a visual model.

a. Mark has 2 cups of juice. If it takes cup of juice for each fruit smoothie, how many smoothies can he make? He can make 10 smoothies. 

b. The students at Lincoln Middle school are going to clean up a section of the beach measuring 3miles. If each student can cleanof a mile, how many students are needed to help? Ten students would be needed.

c. The school orchestra was selling candy for a fundraiser. Joshua bought 2pounds of candy and ate of it. How many pounds did he eat? He ate 10 lbs.

2. A bag contains 20 cups of dog food. Your dog eats 1 cups of dog food each day. How many days does the bag of dog food last?

a. Write an equation for this situation. 20 1= ?

b. Solve using your equation. 20 1= = = = 13 days